

wherein said rigid double-shell box structure independently supports a plurality of vehicle door components fixedly attached to said first wall of the rigid double-shell box structure thereby forming an enclosed volume with the first hollow of the second wall,

wherein said second wall of the rigid double-shell box structure is more towards the interior of the vehicle than a fully retracted curved vehicle door window, and

wherein a surface of the first hollow facing the door window has a curved shape to substantially coincide with a curved shape of the fully retracted door window.

15. (Three Times Amended) A vehicle door, comprising:

an outer panel configured to be mounted on a vehicle body;

a component support assembly mounted to the vehicle door including a rigid double-shell box structure having a first wall facing an interior of the vehicle and a second wall facing an exterior of the vehicle, said second wall having at least first and second hollows separated by a separating member; and

an interior lining,

wherein said rigid double-shell box structure independently supports a plurality of vehicle door components fixedly attached to said first wall of the rigid double-shell box structure thereby forming an enclosed volume with the first hollow of the second wall,

wherein said second wall of the rigid double-shell box structure is more towards the interior of the vehicle than a fully retracted curved vehicle door window, and

wherein a surface of the first hollow facing the door window has a curved shape to substantially coincide with a curved shape of the fully retracted door window.

20. (Twice Amended) A door for a vehicle comprising:

a door structure including a first door wall and a second door wall and lateral door walls;

an equipment support to be mounted to the door structure; and

an interior trim lining,

wherein the equipment support includes at least one warp-resistant double-shell box structure having a first wall facing an interior of the vehicle and a second wall facing an exterior of the vehicle, said second wall having at least first and second hollows separated by a separating member,

wherein said second wall has substantially a same curvature as a fully retracted vehicle door window,

wherein the double-shell box structure individually supports a plurality of devices fixedly attached to the first wall of the double-shell box structure thereby forming an enclosed volume with the first hollow of the second wall of the double-shell box structure,

wherein said second wall of the rigid double-shell box structure is more towards the interior of the vehicle than a fully retracted curved vehicle door window, and

wherein a surface of the first hollow facing the door window has a curved shape to substantially coincide with a curved shape of the fully retracted door window.

23. (Amended) A component support assembly to be mounted in a vehicle door, comprising:

a rigid double-shell box structure having a first wall facing an interior of the vehicle and a second wall facing an exterior of the vehicle, said second wall having at least a first hollow and having a window lifter mechanism mounted thereto,

wherein said rigid double-shell box structure independently supports a plurality of vehicle door components fixedly attached to said first wall of the rigid double-shell box structure thereby forming an enclosed volume with the first hollow of the second wall,